

REMARKS/ARGUMENTS

The Examiner Rejected claims 17-19 and 32 under 35 U.S.C. §112, second paragraph as being indefinite. Claims 1-13 and 20-31 are allowed.

A. The §112 Rejection

The Examiner rejected claims 17-19 and 32 as being indefinite. The Examiner states that "Claims 17-19 are rendered indefinite because it is unclear as to what is the activating element. Claims 17-19 and 32 are dependent upon claim 1, which recites A as Mg, Ca, Sr or Ba. It is unclear if the activating element is a rare earth element or Mg, Ca, Sr or Ba".

Applicants believe the Examiner is confused regarding claims 17 and 18 because A is used both in the formula for the rare earth activated alkaline earth phosphor having the formula $AB_xC_y:RE$ in (a) of claim 1, as well as the formulas for the zinc selenide $ZnSe:A$ of claim 18 and the zinc sulfo-selenide $ZnS_xSe_{1-x}:A$ of claim 17. However, Applicants would like to point out to the Examiner that the A represent different elements in each of the formulas, which are clearly spelled out in both the specification and the claims. That is, in rare earth activated alkaline earth phosphor having the formula $AB_xC_y:RE$ in (a) of claim 1, A is designated as being one or more of the group consisting of Mg, Ca, Sr and Ba, which are NOT activators. Support for this recitation of A is found on page 11, lines 26-30 of the specification.

In contrast, A is used to denote an activating element in both the zinc selenide and zinc sulfo-selenide formulas of claims 17 and 18, as defined therein and which has support on page 12, lines 23-28. It is different from the A used in the rare earth activated alkaline earth phosphor formula and is defined differently as well. These are different types of phosphors having different formulations than the rare earth activated alkaline earth phosphor of (a) in claim 1. In this respect, they define specific phosphors that can be used in (b) and (c) of claim 1, respectively. There is no confusion since A is defined in each instance it is used and is used in different phosphor formulations. Withdrawal of this rejection is requested.

Further and with respect to claims 19 and 32, Applicants are unclear as to why the Examiner has rejected these claims. Claims 19 and 32 are NOT dependent on claim 1 as the Examiner states. Rather, claim 32 is independent and claim 19 depends therefrom. Claim 32 does not recite any specific phosphor formulas and does not recite the presence of A in any way. The use of A in the formula of claim 19 is defined therein. These claims are not unclear and are not inconsistent with any

other claim. Withdrawal of this rejection is requested as well.

CONCLUSION

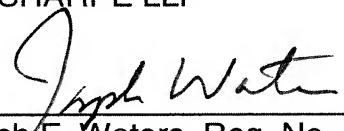
Applicants respectfully request reconsideration of the application in light of the above comments. Applicants respectfully submit that all claims recite patentable subject matter. If there are any issues remaining, the Examiner is encouraged to contact the undersigned in an attempt to resolve any issues. If any fee or extension is due in conjunction with the filing of this amendment, Application authorizes deduction of that fee from deposit account 06-0308.

Respectfully submitted,

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